



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

Complete if Known

Application Number	09/901,805-Conf. #7914
Filing Date	July 10, 2001
First Named Inventor	Michael E. Farmer
Art Unit	2632
Examiner Name	Not Yet Assigned

Sheet

1

of

1

Attorney Docket Number 65858-0007

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication or Patent Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
S.A	AA	US-5,528,698	06-18-1996	Kamei et al.	3821100
	AB	US-6,116,640	09-12-2000	Tanaka et al.	2801735
	AC	US-6,198,998	03/2001	Farmer et al.	701/45
	AD	US-6,459,974	10-01-2002	Baloch et al.	701/45
	AE	US-6,577,936	06-10-2003	Farmer	701/45
	AF	US-6,662,093	12-09-2003	Farmer	701/45
	AG	US-US-2003-0031345-A1	02-23-2003	Farmer	3821103
	AH	US-US-2003-0123704-A1	07-03-2003	Farmer et al.	3821104
	AI	US-US-2003-0133595-A1	07-17-2003	Farmer et al.	3821104
	AJ	US-US-2003-0135346-A1	07-17-2003	Farmer et al.	702/190
	AK	US-US-2003-0234519-A1	12-25-2003	Farmer	2801721

RECEIVED

JAN 28 2004

Technology Center 2600

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
					T ⁶

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
S.A	CA	"GPS-Based Vehicle Tracking" by Jeffrey Pusan from www.securitydriver.com/aic/stories/article-97.html			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Snatchyson</i>	Date Considered	8-8-04
--------------------	-------------------	-----------------	--------



PTO/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO

*Complete if Known***INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Application Number

09/901,805

Filing Date

July 10, 2001

First Named Inventor

Michael E. Farmer

Art Unit

2632

Examiner Name

Not Yet Assigned

JUN 24 2003

RECEIVE
Technology Center 26

Attorney Docket Number

65858-0007

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
S.N		WO-WO02/30717	04-18-2002	B60R 21/01		
S.N		JP-61-66905		GO1B 8 11/00	"Device for recognizing position of vehicle operator"	
S.N		JP-61-66906		GO1B 11/00	"Device for recognizing position of vehicle operator"	
S.N		GB 2 236 419 A	04-03-1991	GO8B 21/00		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	S. Nathyan	Date Considered	8-8-04
--------------------	------------	-----------------	--------

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			Atty. Docket Number 65858-0007	Serial Number: 09/901,805			
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION			Applicant(s): Michael Edward FARMER				
(Use several sheets if necessary)			Filing Date: 07/10/01		Group: 2632		
U.S. PATENT DOCUMENTS							
*EXAMINER Initial	O F E	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S. N.	MAY 28 2002 PATENT & TRADEMARK OFFICE	5,890,085	03/30/99	Corrado et al.	701	47	
		6,026,340	02/15/00	Corrado et al.	701	47	
		6,272,411	08/07/01	Corrado et al.	701	45	RECEIVED
		5,051,751	09/24/91	Gray	342	107	JUN 03 2002
		4,179,696	12/18/79	Quesinberry et al.	342	75	Technology Center 2600
		6,018,693	01/25/00	Blackburn et al.	701	45	
		4,625,329	11/25/86	Ishikawa et al.	382	104	
		4,985,835	01/15/91	Sterler et al.	701	46	
		5,229,943	07/20/93	Eigler et al.	701	46	
		5,256,904	10/26/93	Tohbaru.	307	10.1	
FOREIGN PATENT DOCUMENTS							
*EXAMINER Initial		Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES NO
							<input type="checkbox"/> <input type="checkbox"/>
							<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS				(Including Author, Title, Date, Pertinent Pages, Etc.)			
EXAMINER	S. Nakashima		DATE CONSIDERED: 8-8-04				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket Number 65858-0007	Serial Number: 901-805 09/870,151
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION		
(Use several sheets if necessary)	Applicant(s): Baloch et al.	
	Filing Date: July 10, 2001	Group:

U.S. PATENT DOCUMENTS

*EXAMINER Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.N	5,074,583	12/24/91	Fujita et al.	280	780.1	
	5,366,241	11/22/94	Kithil	280	785	
	5,398,185	03/14/95	Omura	701	45	
	5,446,661	08/29/95	Gioutsos et al.	701	445	
	5,413,378	05/09/95	Steffens, Jr. et al.	280	785	
	5,490,069	02/06/96	Gioutsos et al.	701	45	
	5,983,147	11/09/99	Krumm	701	45	
	6,005,958	12/21/99	Farmer et al.	382	103	

FOREIGN PATENT DOCUMENTS

*EXAMINER Initial	Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES NO
						<input type="checkbox"/> <input type="checkbox"/>
						<input type="checkbox"/> <input type="checkbox"/>
						<input type="checkbox"/> <input type="checkbox"/>
						<input type="checkbox"/> <input type="checkbox"/>
						<input type="checkbox"/> <input type="checkbox"/>
						<input type="checkbox"/> <input type="checkbox"/>
						<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		Greg Welch and Gary Bishop, "An Introduction to the Kalman Filter", September 4, 1997

EXAMINER <i>S. Nakajima</i>	DATE CONSIDERED: <i>8-8-04</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	